

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 246047US6

First Inventor or Application Identifier Takuya MAKINO, et al.

Title HEAT TRANSPORT AND ELECTRONIC DEVICE

U.S. PTO  
19587  
10/724838  
120203

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification Total Sheets 36
3.  Drawing(s) (35 U.S.C. 113) Total Sheets 9
4.  Oath or Declaration Total Pages 4
  - a.  Newly executed (original)
  - b.  Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 17 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).
5.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
6.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification or Sequence Listing on :
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application no.:

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

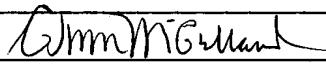
**18. CORRESPONDENCE ADDRESS**

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Docket No. 246047US6

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S) Takuya MAKINO, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: HEAT TRANSPORT AND ELECTRONIC DEVICE

**FEES TRANSMITTAL**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	21 - 20 =	1	x \$18 =	\$18.00
INDEPENDENT CLAIMS	4 - 3 =	1	x \$86 =	\$86.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$290 =	\$0.00
<input type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$0.00
			BASIC FEE	\$770.00
			TOTAL OF ABOVE CALCULATIONS	\$874.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input checked="" type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$40.00
			TOTAL	\$914.00

- Please charge Deposit Account No. 15-0030 in the amount of **\$0.00** A duplicate copy of this sheet is enclosed.
- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- Credit card payment form is attached to cover the filing fee in the amount of **\$914.00**
- The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Date: 12/12/03

  
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